

To: schafer, joan[schafer.joan@epa.gov]
From: Ryan, Daniel
Sent: Thur 1/23/2014 4:16:45 PM
Subject: Please use the wording below. Thanks.

Early January 21, Freedom Industries informed the State of West Virginia, the West Virginia American Water Company and their federal partner agencies that another chemical release occurred on January 9, 2014. This material has been identified as a proprietary mixture of polyglycol ethers (PPH). It was in the same tank and entered the water system at the same time as the MCHM. PPH represented a relatively small percentage (approximately 7.3%) of the total volume in the tank. EPA shared this information with the Chemical Safety Board and the Agency for Toxic Substances and Disease Registry (ATSDR).

The Agency for Toxic Substances and Disease Registry (ATSDR) provided the following information regarding the newly identified chemical: Toxicologic information on PPH is limited. Based on the Material Safety Data Sheets (MSDS) provided by the manufacturer, the reported toxicity of this material appears to be lower than the toxicity of MCHM (LD50 > 2000 mg/kg for the primary component of PPH vs. 825 mg/kg for MCHM). Given the small percentage of PPH in the tank and information suggesting similar water solubility as MCHM, it is likely that any amount of PPH currently in the water system would be extremely low. West Virginia American Water is testing for this chemical using samples collected both before and after the Do Not Use Order was lifted. EPA will continue to support the State, American Water and its federal partners to address this new development and be available for sampling and monitoring assistance.